

LOADING ATTRIBUTE FOR PARTIAL LOADING OF CLASS FILES INTO VIRTUAL MACHINES

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ABSTRACT OF THE DISCLOSURE

Improved techniques for loading class files into virtual computing machines are disclosed. The techniques seek to provide a mechanism that will generally improve the efficiency of virtual machines by selectively loading
10 information into a virtual machine. A new class attribute ("load-attribute") is defined and implemented for class files. This can be, for example, implemented as a "load-attribute" table that lists the components that have been selected for loading into the virtual machine. In addition, the load-attribute may provide references to the selected components in the class file.
15 Accordingly, various components of the class file can be marked for loading and selectively loaded.